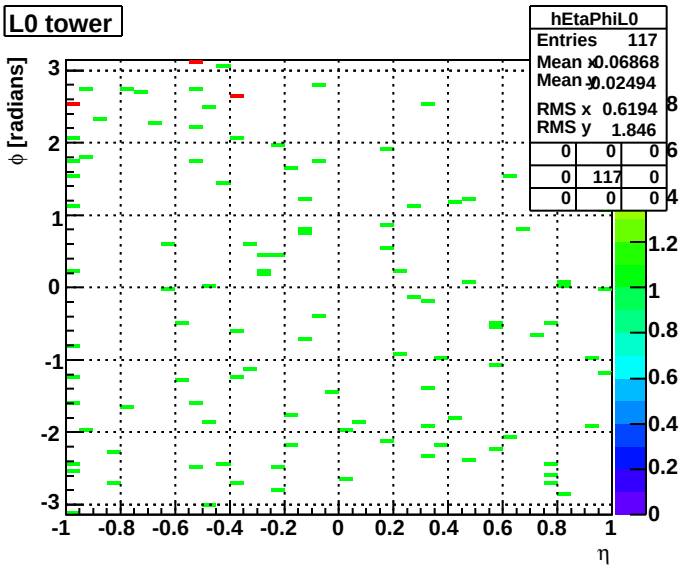
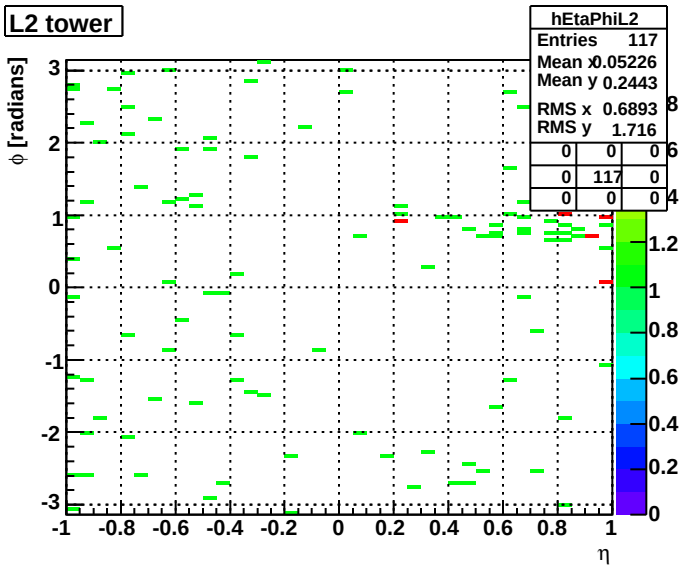
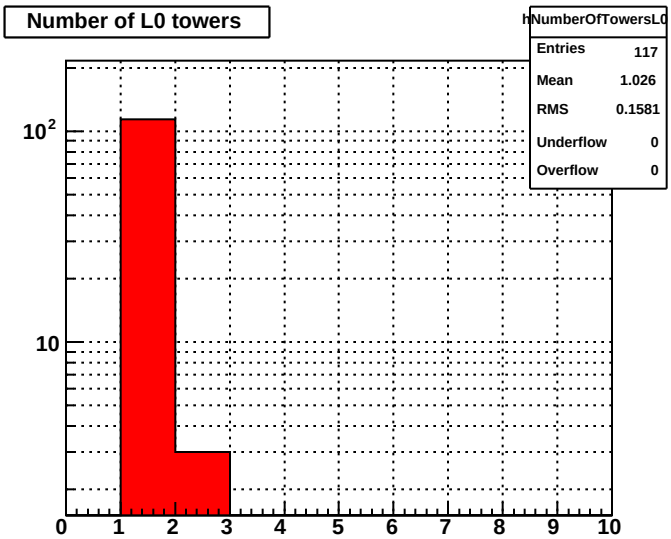
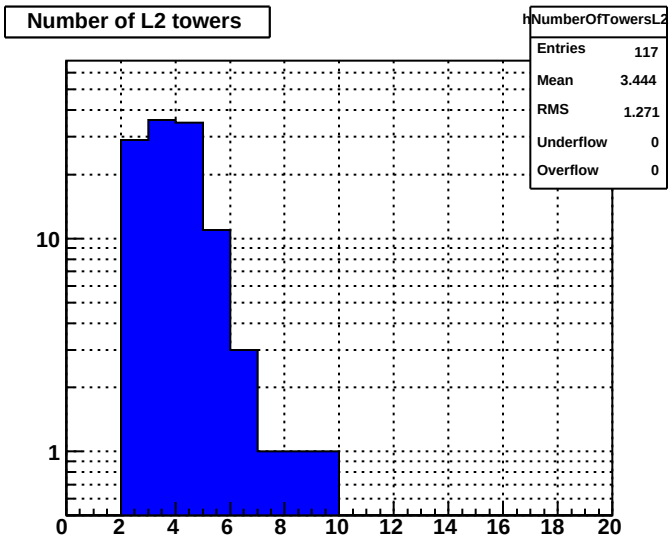
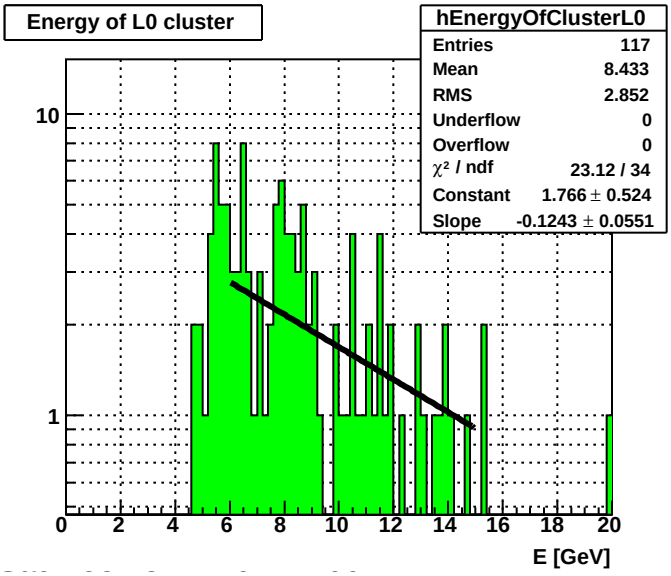
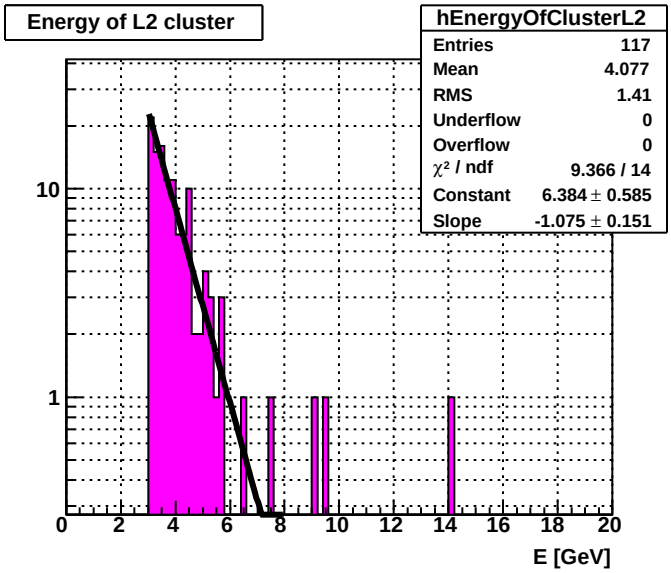

L0 tower
hEtaPhiL0
Entries 117
Mean x 0.06868
Mean y 0.02494
RMS x 0.6194
RMS y 1.846
φ [radians]
η

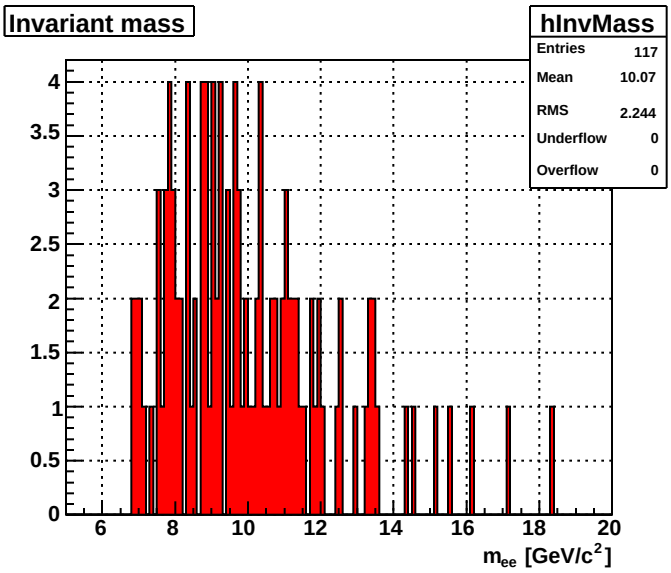

L2 tower
hEtaPhiL2
Entries 117
Mean x 0.05226
Mean y 0.2443
RMS x 0.6893
RMS y 1.716
φ [radians]
η

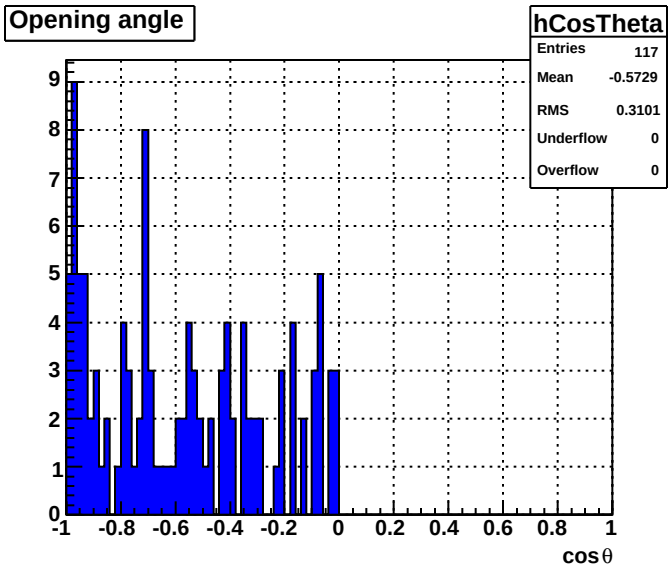

Number of L0 towers
hNumberOfTowersL0
Entries 117
Mean 1.026
RMS 0.1581
Underflow 0
Overflow 0

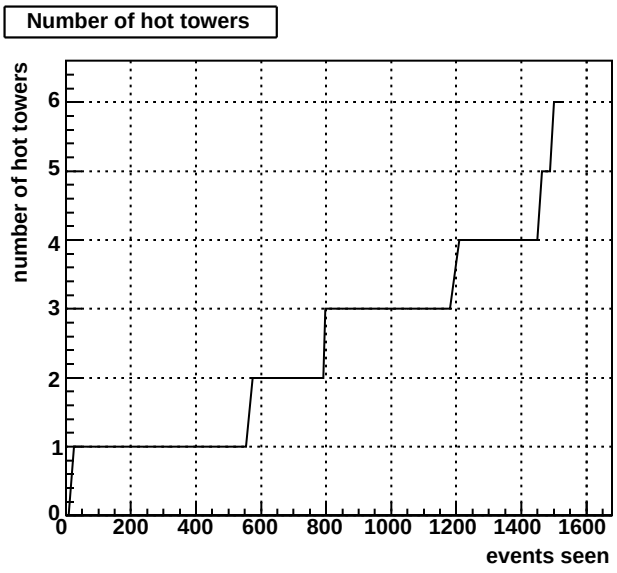

Number of L2 towers
hNumberOfTowersL2
Entries 117
Mean 3.444
RMS 1.271
Underflow 0
Overflow 0

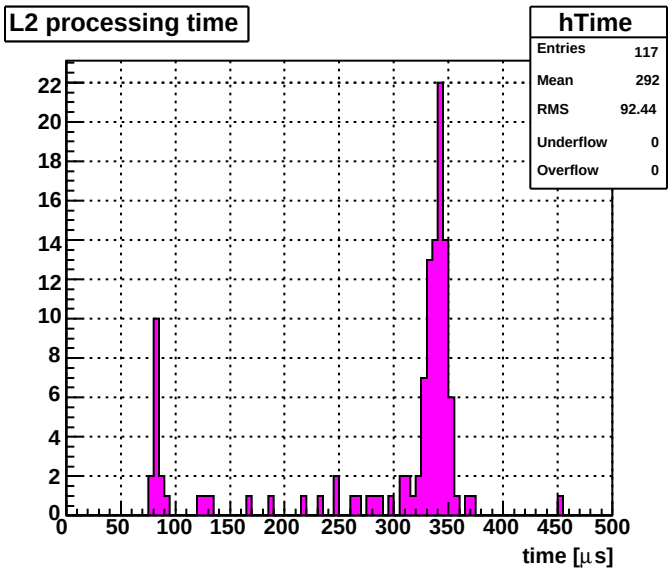

Energy of L0 cluster
hEnergyOfClusterL0
Entries 117
Mean 8.433
RMS 2.852
Underflow 0
Overflow 0
χ² / ndf 23.12 / 34
Constant 1.766 ± 0.524
Slope -0.1243 ± 0.0551
E [GeV]

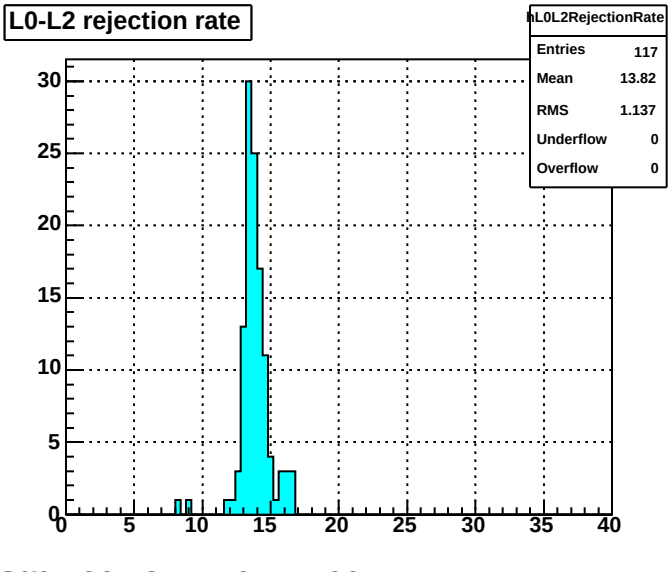

Energy of L2 cluster
hEnergyOfClusterL2
Entries 117
Mean 4.077
RMS 1.41
Underflow 0
Overflow 0
χ² / ndf 9.366 / 14
Constant 6.384 ± 0.585
Slope -1.075 ± 0.151
E [GeV]

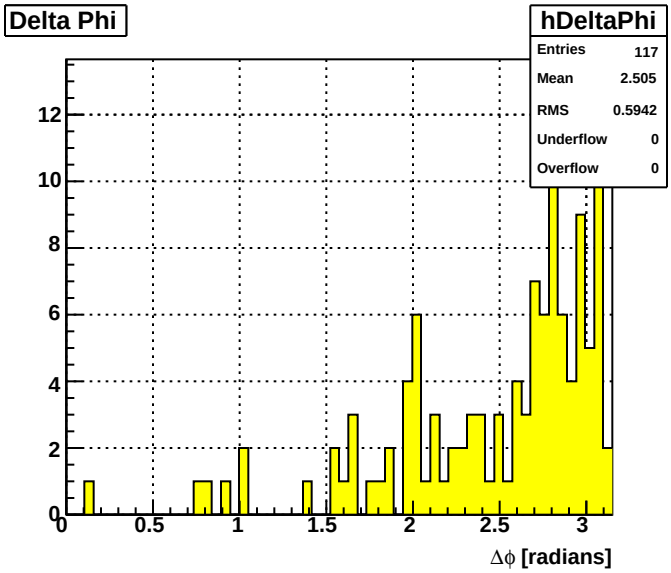

Invariant mass
hInvMass
Entries 117
Mean 10.07
RMS 2.244
Underflow 0
Overflow 0
m_{ee} [GeV/c^2]

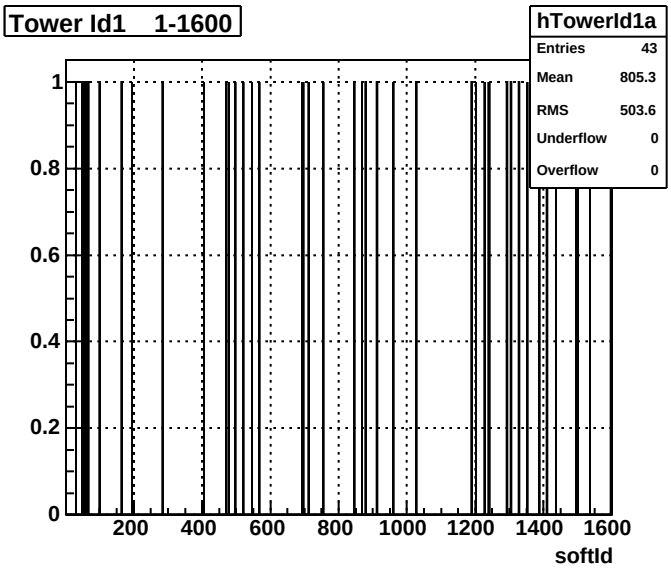

Opening angle
hCosTheta
Entries 117
Mean -0.5729
RMS 0.3101
Underflow 0
Overflow 0
cos θ

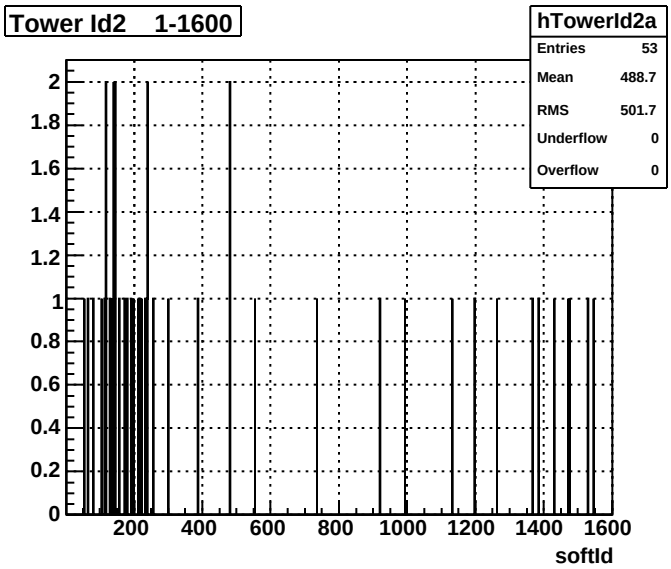

Number of hot towers
number of hot towers
events seen

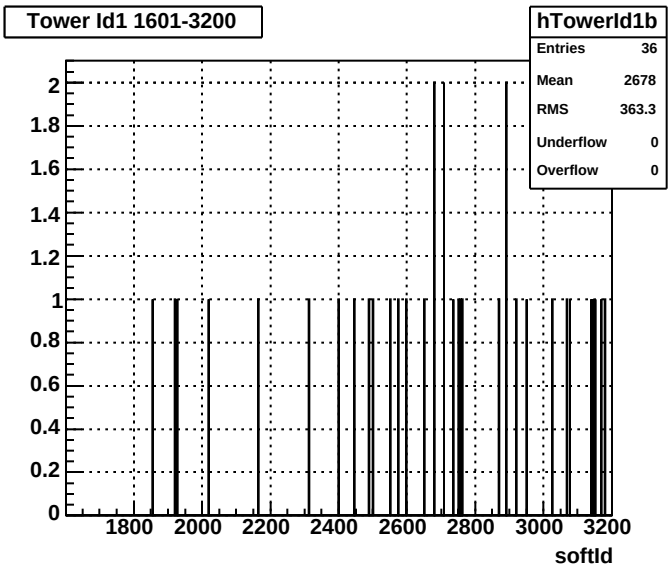

L2 processing time
hTime
Entries 117
Mean 292
RMS 92.44
Underflow 0
Overflow 0
time [μs]

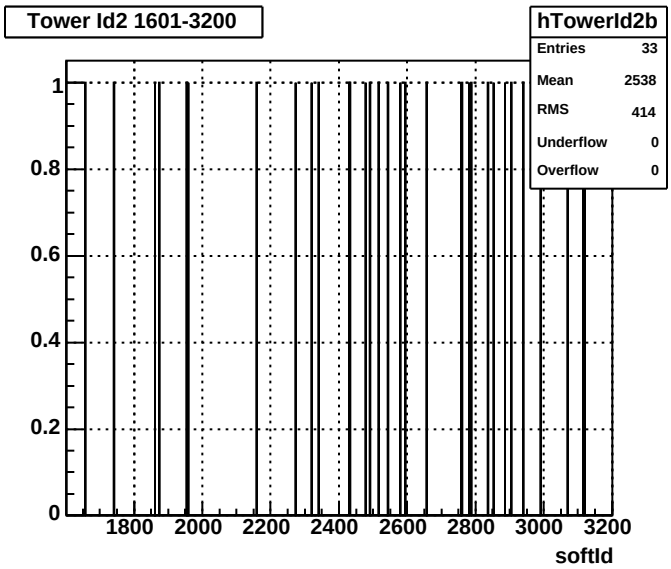

L0-L2 rejection rate
hL0L2RejectionRate
Entries 117
Mean 13.82
RMS 1.137
Underflow 0
Overflow 0

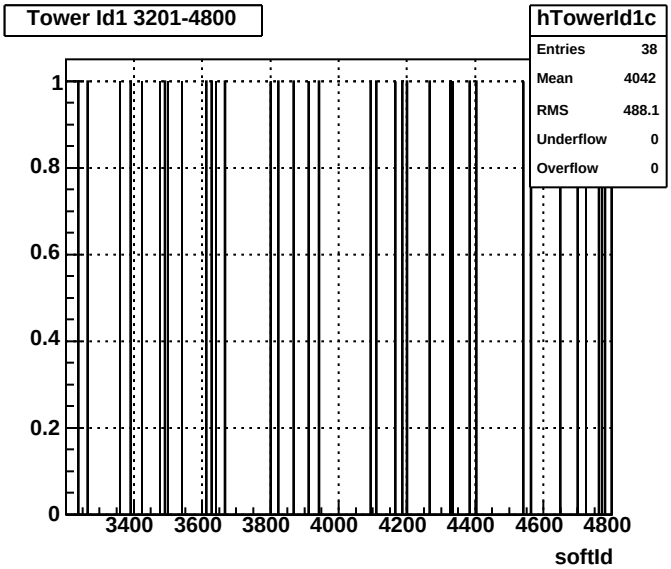

Delta Phi
hDeltaPhi
Entries 117
Mean 2.505
RMS 0.5942
Underflow 0
Overflow 0
Δφ [radians]

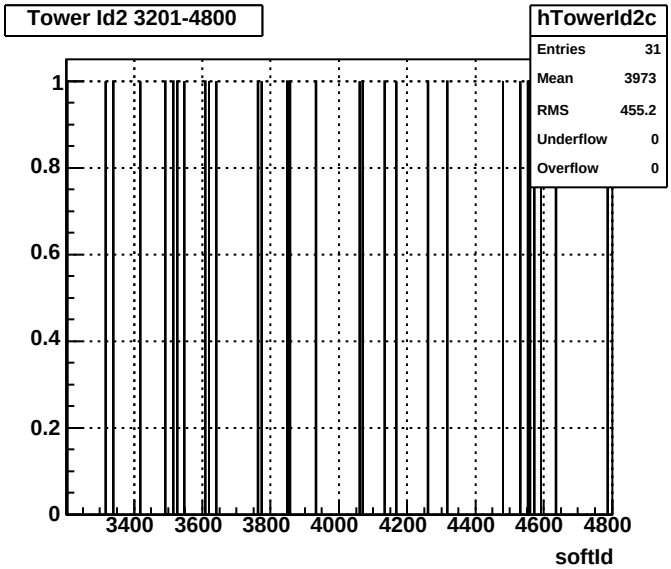

Tower Id1 1-1600
hTowerId1a
Entries 43
Mean 805.3
RMS 503.6
Underflow 0
Overflow 0
softId

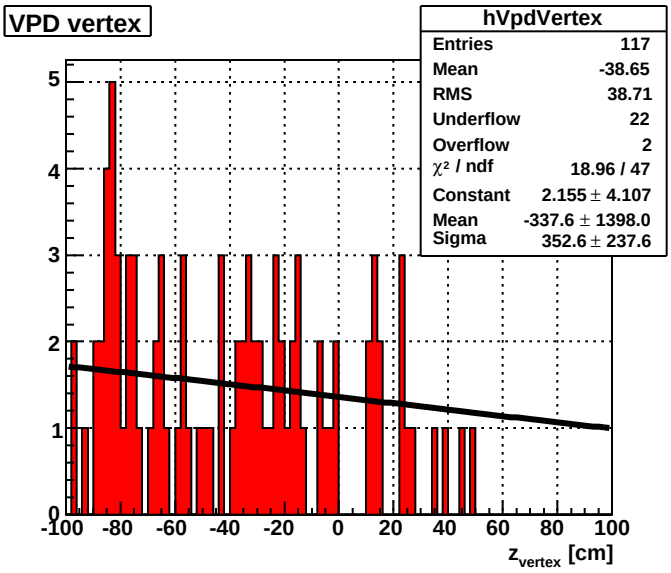

Tower Id2 1-1600
hTowerId2a
Entries 53
Mean 488.7
RMS 501.7
Underflow 0
Overflow 0
softId

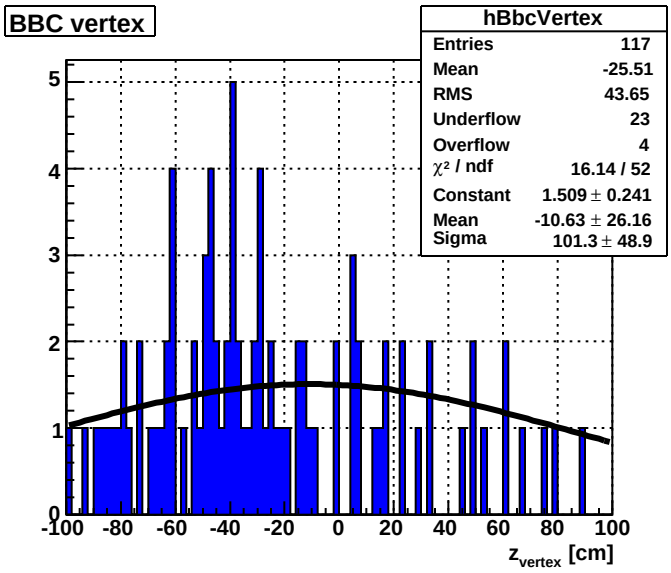

Tower Id1 1601-3200
hTowerId1b
Entries 36
Mean 2678
RMS 363.3
Underflow 0
Overflow 0
softId

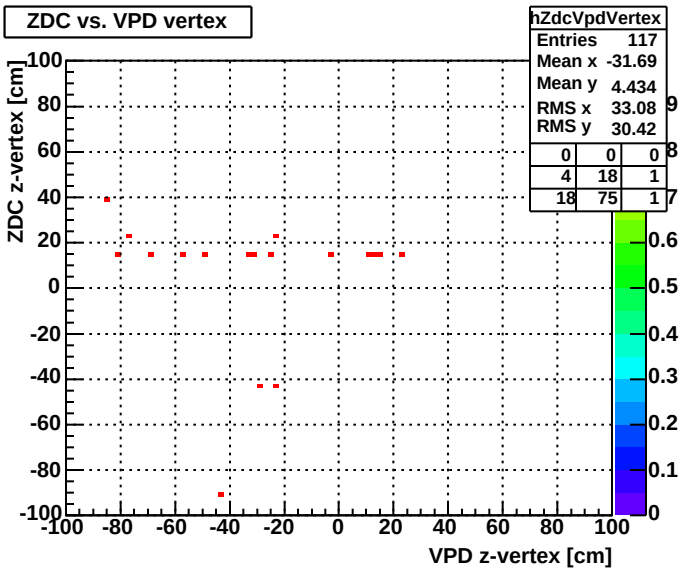

Tower Id2 1601-3200
hTowerId2b
Entries 33
Mean 2538
RMS 414
Underflow 0
Overflow 0
softId

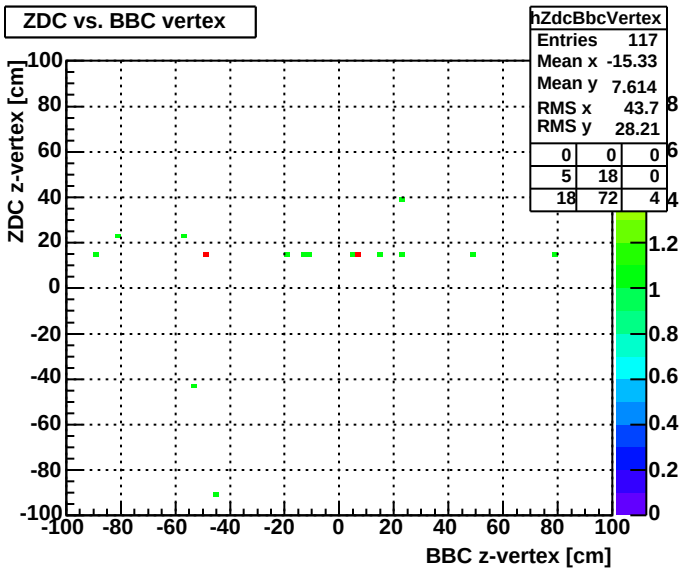

Tower Id1 3201-4800
hTowerId1c
Entries 38
Mean 4042
RMS 488.1
Underflow 0
Overflow 0
softId

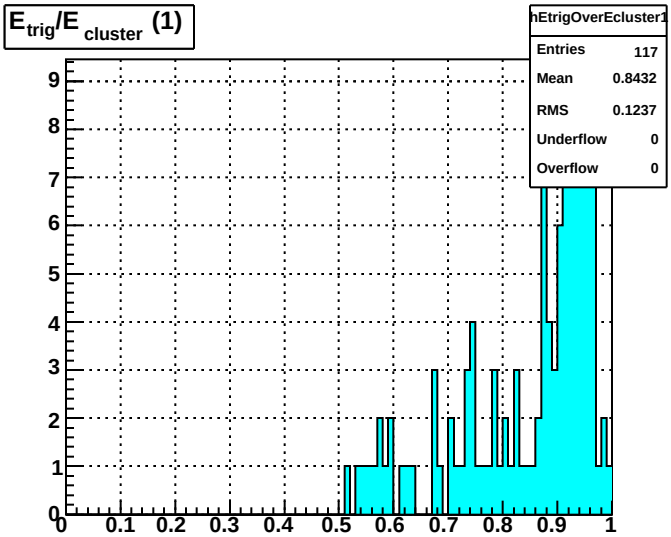

Tower Id2 3201-4800
hTowerId2c
Entries 31
Mean 3973
RMS 455.2
Underflow 0
Overflow 0
softId

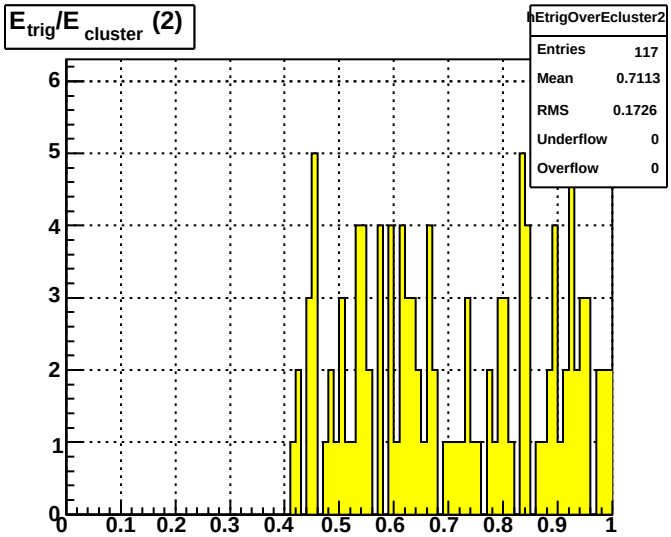

VPD vertex
hVpdVertex
Entries 117
Mean -38.65
RMS 38.71
Underflow 22
Overflow 2
χ² / ndf 18.96 / 47
Constant 2.155 ± 4.107
Mean -337.6 ± 1398.0
Sigma 352.6 ± 237.6
z_vertex [cm]


BBC vertex
hBbcVertex
Entries 117
Mean -25.51
RMS 43.65
Underflow 23
Overflow 4
χ² / ndf 16.14 / 52
Constant 1.509 ± 0.241
Mean -10.63 ± 26.16
Sigma 101.3 ± 48.9
z_vertex [cm]


ZDC vs. VPD vertex
hZdcVpdVertex
Entries 117
Mean x -31.69
Mean y 4.434
RMS x 33.08
RMS y 30.42
ZDC z-vertex [cm]
VPD z-vertex [cm]


ZDC vs. BBC vertex
hZdcBbcVertex
Entries 117
Mean x -15.33
Mean y 7.614
RMS x 43.7
RMS y 28.21
ZDC z-vertex [cm]
BBC z-vertex [cm]


E_trig/E_cluster (1)
hEtrigOverEcluster1
Entries 117
Mean 0.8432
RMS 0.1237
Underflow 0
Overflow 0


E_trig/E_cluster (2)
hEtrigOverEcluster2
Entries 117
Mean 0.7113
RMS 0.1726
Underflow 0
Overflow 0